Index of Claims

| App | licati | on/Co | ntrol | No. |
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|-----|--------|-------|-------|-----|

09/960,743

Examiner

Andrew Q. Tran

Applicant(s)/Patent under Reexamination

IKEDA ET AL.

Art Unit

2824

| <b>√</b> | Rejected |
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| =        | Allowed  |

| 1 | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   |                                |

Restricted

| Z | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim      |               |          |              |  | Dat  | e  |  |            |          | Cla      | aim      |          |                                     |          |          | Dat      | e        |          |   |                 | [        | Cla   | aim        |                 |
|----------|----------|---------------|----------|--------------|--|--|--|--|------------|----------|----------|----------|----------|-------------------------------------|----------|----------|----------|----------|----------|---|-----------------|----------|-------|------------|-----------------|
| Final    | Original | 2/7/05        |          |              |  |  |  |  |            |          | Final    | Original | 2/7/05   |                                     |          |          |          |          |          |   |                 |          | Final | Original   |                 |
|          | 1        | +             |          |              |  |  |  |  |            |          |          | 51       | +        |                                     |          |          |          |          |          |   |                 |          |       | 101        |                 |
|          | 2        | Ц             | L        | <u>L</u>     | <u> </u>   | 乚  | L  |  |            |          |          | 52       | 1        | L                                   | _        |          |          |          |          |   | Ш               |          |       | 102        | $\sqcup$        |
|          | 3        | Ш             | _        |              |  |  |  |  |            |          |          | 53       | Щ        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          |          |          |          |          |   | Ш               | Ļ        |       | 103        | $\sqcup$        |
|          | 4        | Ц             | L        |              | L  |  | _  | L  |            | _        |          | 54       | Щ        |                                     | _        | <u> </u> | _        | L        |          | _ | Щ               | Ļ        |       | 104        | $\sqcup$        |
|          | 5        | Ц             |          |              |  |  |  |  |            |          |          | 55       | Ц        |                                     |          | Ш        |          |          |          |   | Щ               |          |       | 105        |                 |
| <u> </u> | 6        | Щ             |          |              | $oxed{}$   |  |  | $oxed{oxed}$                                     |            | _        |          | 56       | +        |                                     |          | Ш        |          |          |          |   | Щ               |          |       | 106        | $\sqcup$        |
| <u> </u> | 7        | Щ             |          |              | <u> </u>   |  | <u> </u>   | <u> </u>   |            | _        |          | 57       | <u> </u> | <u> </u>                            | <u> </u> |          |          |          |          | _ | Щ               | Ļ        |       | 107        | $\sqcup$        |
|          | 8        | Щ             |          |              | _  | _  | <u> </u>   | <u> </u>   |            | _        |          | 58       | <u> </u> | <u> </u>                            | <u> </u> |          | <u> </u> |          |          |   | Щ               | ļ        |       | 108        | $\sqcup$        |
|          | 9        | Щ             |          |              | _  | _  | _  |  |            | _        |          | 59       |          | _                                   | _        |          |          |          |          |   | Щ               |          |       | 109        | $\sqcup$        |
| <u> </u> | 10       | Ц             | ļ        |              | ļ  | <u> </u>   | ┡  | _  | _          |          |          | 60       | _        | ļ                                   | <u> </u> |          | _        | _        |          |   | Щ               |          |       | 110        | <b></b>         |
|          | 11       | Щ             |          |              |  | _  | ļ  | <u> </u>   |            | _        |          | 61       |          | <u> </u>                            |          |          | L        |          |          |   | Щ               |          |       | 111        | $\sqcup$        |
|          | 12       | Н             |          | _            | _  | ┡  | <u> </u>   | <u> </u>   | lacksquare | _        |          | 62       | _        | _                                   | _        |          |          |          |          |   | Ц               |          |       | 112        | $\vdash$        |
| <u> </u> | 13       | Н             |          |              | <u> </u>   | <u> </u>   | ┞  | -  |            | _        | ļ        | 63       |          |                                     | <u> </u> |          | _        |          |          |   | Щ               |          |       | 113        | $\vdash$        |
| <u> </u> | 14       | Н             |          |              | ▙  | ╀  | ┝  | <u> </u>   |            | _        |          | 64       | <u> </u> | _                                   | <u> </u> |          | <u> </u> |          |          |   | Н               |          |       | 114        | $\vdash$        |
|          | 15       | $\vdash$      |          | _            | ┡  | ┡  | ┡  | ₩  | _          | _        | -        | 65       | _        | _                                   | <u> </u> | Щ        | _        | $\vdash$ |          |   | Ш               | }        |       | 115        | <b> </b>        |
| -        | 16       | 4             |          | _            | ⊢  | $\vdash$   | ┝  | ├  |            | _        |          | 66       |          |                                     | $\vdash$ | Ш        |          | $\vdash$ |          |   | Н               | . }      |       | 116        | $\vdash$        |
| -        | 17       | 4             | -        |              | ┝  | ₽  | ┢  | -  |            | _        | -        | 67       |          | <u> </u>                            | <u> </u> |          |          |          |          |   |                 | ŀ        |       | 117        | $\vdash \vdash$ |
|          | 18       | H             |          | -            | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>   |            | _        |          | 68       | <u> </u> | <u> </u>                            | L        |          |          |          |          |   |                 | ŀ        |       | 118        | $\vdash$        |
| -        | 19       | H             |          | 1            | ⊢  | $\vdash$   | ŀ  | ⊢  |            | —        | -        | 69       | ┢        | ⊢                                   | H        | Н        |          | _        |          |   |                 | ŀ        |       | 119        | $\vdash$        |
| -        | 20       | ₩             | -        | -            | ⊢  | ┡  | ⊢  | <u> </u>   |            | $\dashv$ | -        | 70       | ⊢        | ⊢                                   | H        | H        | _        | $\vdash$ |          | _ | $\vdash$        | - }      |       | 120        | $\vdash$        |
| -        | 21       | ⊬             | -        | ┢            | ⊢  | ⊬  | ┝  | <u> </u>   |            | $\dashv$ | -        | 71       | ┝        | ⊢                                   | H        | Н        |          | -        |          |   | Н               | ŀ        |       | 121        | $\vdash$        |
|          | 22       | ╀             | -        | -            | ├  | ├  | -  | ⊢  | H          | $\dashv$ |          | 72<br>73 | -        | ⊢                                   |          | Н        | _        | Н        | _        | _ | Н               | - }      |       | 122        | $\vdash$        |
| -        | 23       | ╀             | -        | ├            | -  | ⊢  | ⊢  | ⊢  |            |          |          | 74       | -        | $\vdash$                            |          | Н        |          | Н        |          |   | Н               | -        |       | 123<br>124 | ┝╾┼             |
| -        | 25       | +             | -        | ┢            | -  | -  | -  | -  |            |          | -        | 75       | <u> </u> | -                                   |          | H        |          |          | -        | _ |                 | ŀ        |       | 125        | $\vdash$        |
| -        | 26       | ╫             | ├        |              | ├  | ┢╌   | <del> </del>                                     |  | $\vdash$   |          |          | 76       |          | ┢                                   |          | Н        |          |          |          |   | Н               | -        |       | 126        |                 |
|          | 27       | +             | ⊢        | ┢            | ┢  | ┢  |  |  |            |          | -        | 77       | ⊢        | -                                   | -        | Н        | _        |          |          | _ | $\vdash$        | -        |       | 127        | $\vdash$        |
|          | 28       | +             | $\vdash$ | $\vdash$     | ⊢  | ╁  | $\vdash$   |  | -          |          |          | 78       | -        | -                                   | _        |          |          |          |          |   | H               | ŀ        |       | 128        | $\vdash$        |
|          | 29       | +             | -        | ╁            | ⊢  | -  | ╁  |  |            | $\dashv$ | -        | 79       | $\vdash$ |                                     |          | Н        |          | Н        |          |   | $\vdash$        | ŀ        |       | 129        | $\vdash$        |
| -        | 30       | +             | ┢        | ┢            |  | ┢  | <u> </u>   |  |            | -        | $\vdash$ | 80       | -        |                                     | H        |          | -        |          |          |   | $\vdash$        | ŀ        |       | 130        | $\vdash$        |
|          | 31       | +             | ├─       | ├            | -  | -  | ╁  | 1  |            | $\dashv$ | -        | 81       | ┢        | -                                   | $\vdash$ | H        |          |          |          |   | $\vdash$        | ŀ        |       | 131        | $\vdash$        |
|          | 32       | +             | $\vdash$ |              |  | $\vdash$   | $\vdash$   |  |            | $\dashv$ | -        | 82       | -        | -                                   | $\vdash$ | Н        |          | Н        | $\vdash$ |   | $\vdash$        | ŀ        |       | 132        | $\vdash$        |
|          | 33       | +             | $\vdash$ | H            |  | -  | -  | -  | -          | $\dashv$ |          | 83       |          | $\vdash$                            | $\vdash$ | Н        |          | $\vdash$ |          |   | $\vdash \vdash$ | ŀ        |       | 133        |                 |
| <b> </b> | 34       | +             | -        | ┢            | -  | ┢  | ╁  |  |            | $\dashv$ |          | 84       | _        |                                     |          | H        |          |          |          | _ | Н               | -        |       | 134        | $\vdash$        |
|          | 35       | +             | $\vdash$ | $\vdash$     |  |  |  |  |            | $\dashv$ |          | 85       | -        | <del> </del>                        |          |          |          | Н        |          |   | H               | ŀ        |       | 135        | $\vdash$        |
|          | 36       | +             | $\vdash$ | H            | 1.   |  |  | $\vdash$   |            | $\dashv$ | -        | 86       | <u> </u> | -                                   |          |          |          | Н        |          |   | $\vdash$        | ŀ        |       | 136        |                 |
| <b>—</b> | 37       | +             |          |              |  |  |  |  |            | $\dashv$ |          | 87       | -        | -                                   | _        |          |          |          |          |   |                 | ŀ        |       | 137        | $\Box$          |
|          | 38       | $\top$        | _        | <del> </del> |  | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | Н          | $\dashv$ |          | 88       | $\vdash$ | $\vdash$                            |          | $\vdash$ |          | $\vdash$ |          |   | H               | - }      | -     | 138        | $\sqcap$        |
|          | 39       | +             | _        | $\vdash$     | <del>                                     </del> |  | <del> </del>                                     | $\vdash$   | Н          | $\dashv$ |          | 89       |          |                                     | $\vdash$ | Н        | _        | $\vdash$ | $\neg$   |   | $\vdash$        | - }      |       | 139        | $\sqcap$        |
|          | 40       | +             | Т        | $\vdash$     | Т  |  |  |  | H          | $\dashv$ |          | 90       |          |                                     | -        | Н        |          | H        | $\dashv$ | - | $\vdash$        | <u> </u> |       | 140        | $\sqcap$        |
|          | 41       | $\sqcap$      |          |              | Г  |  | Т  | Ι-   |            | $\neg$   |          | 91       |          |                                     |          | H        |          |          | _        |   | $\Box$          | -        |       | 141        | $\sqcap$        |
|          | 42       | $\top$        |          | П            | Г  | Т  | П  | T  | П          | $\neg$   |          | 92       |          |                                     |          | Н        |          | Н        | $\neg$   |   | $\Box$          | <u> </u> |       | 142        | $\sqcap$        |
|          | 43       |               |          |              |  |  |  |  | П          | $\neg$   |          | 93       |          | П                                   |          | $\Box$   | -        |          |          |   | П               | -        |       | 143        | $\sqcap$        |
|          | 44       |               |          |              | Г  | Г  | П  | Γ  | П          | $\neg$   |          | 94       |          |                                     |          |          |          | П        |          |   | П               | -        |       | 144        | $\sqcap$        |
|          | 45       | $\top$        |          |              | Г  | Г  | Г  |  |            | $\neg$   |          | 95       |          |                                     |          |          |          | П        |          |   | П               | ı        |       | 145        |                 |
|          | 46       | 1             |          |              |  |  |  |  | П          | $\neg$   |          | 96       | П        | П                                   | П        |          |          | П        |          |   | $\dashv$        | ı        |       | 146        | $\sqcap$        |
|          | 47       | $\top$        |          |              |  |  | Г  | Г  |            |          |          | 97       |          |                                     |          |          |          |          |          |   | П               | ı        |       | 147        | $\Box$          |
|          | 48       |               |          |              |  |  |  |  |            | $\neg$   |          | 98       |          |                                     |          |          |          | $\Box$   | $\neg$   |   |                 | ı        |       | 148        | $\dashv$        |
|          | 49       | $\mathcal{I}$ |          |              |  |  |  |  |            |          |          | 99       |          | П                                   |          |          |          | П        | $\neg$   |   | П               | ٦        |       | 149        | $\dashv$        |
|          | 50       | +             |          |              |  |  |  |  |            |          |          | 100      |          |                                     |          |          |          |          |          |   | $\Box$          | Ī        |       | 150        | $\Box$          |

| Claim |                   | Date     |  |          |  |  |          |          |              |                 |  |  |
|-------|-------------------|----------|--|----------|--|--|----------|----------|--------------|-----------------|--|--|
| Final | Original          |          |  |          |  |  |          |          |              |                 |  |  |
|       | 101               |          |  |          |  | Г  |          |          |              | П               |  |  |
|       | 102<br>103        |          |  |          |  |  |          |          |              |                 |  |  |
|       | 103               |          |  |          |  |  |          |          |              |                 |  |  |
|       | 104               |          |  |          |  |  |          |          |              |                 |  |  |
|       | 104<br>105        |          |  |          |  |  |          |          | <u> </u>     |                 |  |  |
|       | l 106             |          | <u> </u>   |          |  | _  | <u> </u> |          |              |                 |  |  |
|       | 107<br>108        |          | <u> </u>   |          | _  | <u> </u>   | _        | <u> </u> | _            |                 |  |  |
|       | 108               |          | <u> </u>   |          | _  | <u> </u>   | _        | _        | _            |                 |  |  |
|       | 109               |          | _  | _        | _  | <u> </u>   | _        | <u> </u> |              | Н               |  |  |
|       | 110               |          | -  |          |  | -  | $\vdash$ | _        | -            | Н               |  |  |
|       | 111<br>112        | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | <u> </u>     | $\dashv$        |  |  |
|       | 112               | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   |          | -        | <del> </del> | ├┤              |  |  |
|       | 113<br>114        |          | $\vdash$   | $\vdash$ | <del>                                     </del> | $\vdash$   | $\vdash$ | $\vdash$ |              | $\vdash \vdash$ |  |  |
|       | 115               | Н        | <del>                                     </del> | $\vdash$ | ├─   | <del> </del>                                     | ┝        | $\vdash$ | _            | ${\mathbb H}$   |  |  |
|       | 116               |          | ├  | $\vdash$ | -  |  |          | -        |              | H               |  |  |
|       | 117               | П        |  | Г        |  | <del>                                     </del> | $\vdash$ | _        | <u> </u>     | H               |  |  |
|       | 118               |          |  |          | T .  | l  | _        | _        |              | Н               |  |  |
|       | 119               |          |  |          |  |  |          |          |              | П               |  |  |
|       | 120               |          |  |          |  |  |          |          |              | П               |  |  |
|       | 121               |          |  |          |  |  |          |          |              |                 |  |  |
|       | 121<br>122<br>123 |          |  |          |  |  |          |          |              |                 |  |  |
|       | 123               |          |  |          |  |  |          |          |              |                 |  |  |
|       | 124<br>125        |          |  |          |  |  |          |          |              |                 |  |  |
|       | 125               |          | _  | _        |  |  |          |          |              |                 |  |  |
|       | 126<br>127<br>128 |          |  |          |  |  |          |          |              | Ш               |  |  |
|       | 127               |          |  |          |  |  | ļ        | L_       | _            | Ш               |  |  |
|       | 128               |          | <u> </u>   |          | _  | $\vdash$   | _        | L        | _            | Н               |  |  |
|       | 129<br>130        |          | Н  |          |  | $\vdash$   | $\vdash$ |          | <u> </u>     | Н               |  |  |
|       | 131               |          |  | _        |  | H  | $\vdash$ | -        | _            |                 |  |  |
|       | 131               | _        | -  |          |  | -  | -        |          | -            | $\blacksquare$  |  |  |
|       | 132<br>133        | -        | -  | -        | <u> </u>   | $\vdash$   | $\vdash$ | $\vdash$ | -            | $\vdash \vdash$ |  |  |
|       | 134               |          | $\vdash$   | -        |  | $\vdash$   | $\vdash$ | -        | <del> </del> | $\dashv$        |  |  |
|       | 135               |          | <del>                                     </del> | $\vdash$ |  |  | $\vdash$ | H        | -            | $\vdash$        |  |  |
|       | 135<br>136        |          | $\vdash$   |          |  | П  |          | H        |              | Н               |  |  |
|       | 137               |          |  |          |  |  |          | П        | Г            | $\sqcap$        |  |  |
|       | 138               |          |  |          |  |  |          |          |              |                 |  |  |
|       | 139               |          |  |          |  |  |          |          |              |                 |  |  |
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|       | 143               |          | Ш  |          |  |  |          |          |              |                 |  |  |
|       | 144               |          | Ш  |          |  |  |          |          |              |                 |  |  |
|       | 145               |          |  |          | lacksquare                                       | $oxed{\Box}$                                     |          |          |              |                 |  |  |
|       | 146               |          |  |          |  |  |          |          |              | Щ               |  |  |
|       | 147               |          | _  |          | _  | Щ  | _        |          |              | Ц               |  |  |
|       | 148               |          |  |          | <u> </u>   | $\vdash$   | _        |          |              |                 |  |  |
|       | 149               |          | Ш  |          |  |  |          |          | _            | $\dashv$        |  |  |
|       | 150               |          | Ц  |          | ш  | ш  | Щ        | ليا      |              |                 |  |  |